



ARBOVIRAL SURVEILLANCE REPORT

August 29 , 2024

SURVEILLANCE

This report provides data on Week 34 of surveillance for West Nile virus (WNV) in mosquitoes and includes data on other surveillance indicators. Gravid traps are placed throughout the City of Chicago and monitored twice a week for the duration of the mosquito-breeding season. For this reporting period, there were five (5) WNV positive mosquito pools.

Mosquitoes Data from 79 Traps

Week 34 (8/19/24 - 8/26/24)

Total Collections (Number of Traps X Frequency of Collection)	151
Number of Female Culex Trapped and Tested	767
Number of Pools Tested	69
Number of Pools Positive	5
Number of Community Areas with Positive Mosquito Pools	5

Cumulative Totals

Total Collections (Number of Traps X Frequency of Collection)	1791
Number of Female Culex Trapped and Tested	15836
Number of Pools Tested	880
Number of Pools Positive	183
Number of Community Areas with Positive Mosquito Pools	44

Community Areas with Positive Mosquito Pools:

Avondale, Archer Heights, New City, Woodlawn, South Deering.

Community Areas with Positive Mosquito Pools (cumulative for 2024):

Greater Grand Crossing, Roseland, West Pullman, Dunning, Clearing, New City, Beverly, South Deering, Hegewisch, O'Hare, Norwood Park, North Lawndale, Garfield Ridge, South Shore, Portage Park, Edison Park, West Lawn, Englewood, Auburn Gresham, Avalon Park, Chatham, Forest Glen, Lincoln Square, Belmont Cragin, Lincoln Park, Gage Park, Ashburn, Woodlawn, Washington Heights, South Chicago, Irving Park, Riverdale, North Park, Avondale, West Town, Humboldt Park, Austin, South Lawndale, Near Westside, Garfield Ridge, Pullman, Archer Heights, Norwood Park, Edgewater.

Dead Birds: 4 negative 6 pending

Number of Aedes albopictus Trapped: 311 Female & 57 Male

Number of Aedes albopictus (cumulative for 2024) 2390 Female & 442 Male

Risk Assessment

The risk of human West Nile virus infection in the City of Chicago is moderate.

Human Data

Three human cases.

Larval and Adult Mosquito Control Efforts

The City has completed sampling 1384 catch basins in community areas for larval activity.